



# Owner's Manual – HydroSensor

DRI-EAZ PRODUCTS, INC.

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*The HydroSensor is a moisture probe used to detect moisture in wet carpet and carpet cushion.*

## Read And Save These Instructions



### SAFETY INFORMATION

The nickel plated points on the HydroSensor are extremely sharp. Take care when collapsing the telescoping tubes, to avoid the points extending by accident. This could cause injury. Retract the probe points into the shaft when not in use.

### WARRANTY

**FILL OUT WARRANTY CARD:** Please stop before proceeding and fill out the warranty card.

**INSPECT ON ARRIVAL:** When your Dri-Eaz product arrives, check immediately for signs of shipping damage. If you notice damage, save the shipping carton for claim purposes, and immediately report the problem to your supplier and the shipping company. Also, save the carton for shipping in case your product ever needs repair at a remote location.

Dri-Eaz promises, to the original purchaser, to perform the following as needed to correct defects in materials and workmanship:

**1 Year on Parts and Labor:** Cover parts and labor costs for the repair of a Dri-Eaz Airmover, Dehumidifier, Instrument, Accessory, and other product except Marketing Products, for a period of one year from the date of purchase.

**90 Days on Shipping:** Cover shipping costs for the repair of a Dri-Eaz Airmover, Dehumidifier, Instrument, Accessory, or other product except Marketing Products, both to and from the Service Center, for a period of 90 days from the date of purchase.

**MODELS COVERED:** Instruments: HydroSensor, HydroSensor II, Moisture Counter, Moisture Pro, DHT600, DHT200.

**LIMITATIONS:** This warranty shall not extend to any products showing effects of misuse, accident damage, disassembly, alteration, lack of proper maintenance, corrosive chemicals, improper voltage, unauthorized repairs, use of other than genuine parts and materials, fire, flood, normal wear and tear, or any other causes beyond Dri-Eaz Products' control. The warranty obligation extends only to the repairs or replacement of parts found, upon Dri-Eaz Products' examination, to be defective. The foregoing constitutes the entire warranty and no other warranty, liability, contingency or responsibility, direct, indirect, consequential or in any way connected with the sale or operation of products is expressed or implied.

**TO RECEIVE WARRANTY SERVICE:** You must write or call for a Return Authorization. You must have the serial number available. The Dri-Eaz Service Department must authorize all costs, including shipping, for any Service Centers world-wide. Please direct questions to an authorized distributor, or to Dri-Eaz at (360) 757-7776, extension 238.

### PRINCIPLE OF OPERATION

The HydroSensor Moisture Probe is designed to detect moisture in carpets, cushion, floors, walls, and furniture. When the probe tips on the HydroSensor are pushed into materials to penetrate the surface, an electric current is sent between the probes. The amount of moisture present in the material determines how easily the electrical current passes from one probe to the other.

When moisture is present in a material, the light on the HydroSensor will flash and the transducer will beep. This will occur at a varying rate (slower or faster flash and beep) depending on the amount of moisture present.

The 7/8" probe tips are long enough to penetrate shag carpets, cushion, and flooring materials. With care, the HydroSensor can also be used to find moisture in furniture, walls, and ceiling materials.

The HydroSensor will also detect the presence of urine residues in carpet and cushion. This is because urine salts attract and hold enough moisture to be detected. A black-light is recommended to confirm that urine is present.

### MODELS

#### Both Models

1. To expose the sensor points, loosen the black plastic knob. Push it down and around the "J," then tighten to lock in position.
2. Test the unit by placing your fingers across the shaft of the points and observing the response of the unit.
3. Probe the suspected moisture area with the points. Flashing and beeping indicates that carpet and/or pad are wet.

#### HydroSensor

The HydroSensor has a single, non-telescoping shaft.

#### HydroSensor II

The HydroSensor II has a 3-part telescoping shaft.

1. To extend the HydroSensor II, grasp the smallest tube and pull until the spring button pops into place. If the tubes do not extend easily, make sure the knurled knobs are loose.
2. Tighten both knurled knobs, to make sure the telescoping tubes remain unbending.
3. Do not exert too much force when using. Excess force may damage the tips or telescoping tubes.

## SPECIFICATIONS

HydroSensor	1-piece stainless steel shaft 31"
HydroSensor II	3-piece telescoping aluminum shaft 31" extended; 17" collapsed
Probe tips - 7/8"	Nickel plated steel
Handle	Injection molded
Indicator light	LED in handle
Weight	1 lb.
Battery	One 9-Volt DC (included)

## MAINTENANCE

Clean and dry the HydroSensor after each use.

### Battery Replacement

The HydroSensor is operated on the current from one 9-volt battery. Battery life depends on usage and storage care. Do not allow probe tips to stay in contact with metal, damp cloth, carpet, water, cork or any other materials that will conduct electricity. The battery is contained inside the handle below the indicator light.

1. Remove the small screws which hold the handle halves together, and gently split apart the handle.

2. Remove the old battery from its connectors and replace with a new Eveready general-purpose 9-volt battery No. 216 (or comparable).
3. Reinsert battery into handle, taking care not to pinch any wires.
4. Align the holes of the handle halves and replace the screws. Do not over-tighten screws.

Note: Probe tips may be sharpened with a file. If points need replacement because of excessive wear, contact Dri-Eaz Products for a replacement HydroSensor Point Set Kit.

## Other Moisture Detection Tools

### WetChec ✓

The WetChec✓ is a moisture probe similar in operation to the HydroSensor, since it beeps when its probes contact moisture or urine. It is an inexpensive marketing tool that contractors give to customers on their restorative drying jobs, insurance adjusters, property managers, and other clients.

### Moisture Counter Non-Destructive Meter

Use the Moisture Counter for quick measurements when doing preliminary inspection to determine if moisture is present. The Moisture Counter allows you to rapidly evaluate where moisture is a problem without penetrating the material's surface. It also helps you to be positive when materials are completely dry and returned to original condition.

### Moisture PRO Penetrating Meter

The Moisture PRO is a hand-held penetrating instrument designed to very accurately measure moisture content in wood, drywall and other porous building materials. It is portable, battery powered and pocket sized, incorporating the latest electronics in a durable yet lightweight aluminum housing. The Moisture PRO digital LCD gives moisture readings in wood from 7% to 42% in 0.1% increments. A choice of interchangeable electrodes is available including a shallow penetration, hammer type and deep wall type.

**FOR PARTS AND SERVICE CALL YOUR LOCAL DISTRIBUTOR,  
or the Dri-Eaz Service Department at (360) 757-7776.**